

FIG. 1

	SAMPLE LOCATION	950°C Average	950°C ANNEAL X 2 HOURS 1ge, Grain Size Rec	HOURS Recrystallize
	The first statement or the first statement of	Grain Size (µm)	Range	(Percent)
Commercial Process	Center			
Commercial Process	Edge			
9.5"Ø, Extrude 1800°C	Center	46	<10-240	92
9.5"Ø, Extrude 1800°C	Edge	4	<10-250	66
9.5"Ø, Extrude 1850°C	Center	33	<10-240	8
9.5"Ø, Extrude 1850°C	Edge	35	10-290	65
9.5"Ø, Extrude 1900°C	Center	33	10-180	20
9.5"Ø, Extrude 1900°C	Edge	32	<10-225	86
Extrude	Center	32	10-110	92
10.25"Ø, Extrude 1900°C	Edge	28	<10-200	82

FIG. 2(A)

PROCESS	1050°C ANI	ANNEAL X 2	HOURS	1150°C	ANNEAL X 2	HOURS
	Average Grain Size (4m)	Grain Size Range	Recrystallize (Percent)	Average Grain Size (1,1m)	Grain Size	Recrystallize (Percent)
			, , , , , , , , , , , , , , , , , , , ,		Simi	(clock)
Commercial Process	09	20-245	76			
Commercial Process	09	10-155	100			
9.5°6, Extrude 1800°C	45	10-150	95	99	10-150	100
9.5°6, Extrude 1800°C	35	10-135	100	75	10-200	9
9.5"Ø, Extrude 1850°C	65	<10-110	100	75	10-110	100
9.5*8, Extrude 1850°C	63	<10-110	100	62	10-145	100
xtrude 1	32	10-180	100	98	10-145	9
xtrude 19	32	<10-90	66	122	10-135	100
Extrude 1	35	10-80	66	26	10-135	100
10.25"Ø, Extrude 1900°C	38	<10-110	100	70	10-160	100

FIG. 2(B)

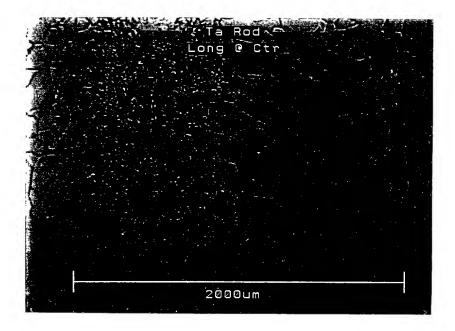


FIG. 3(A)

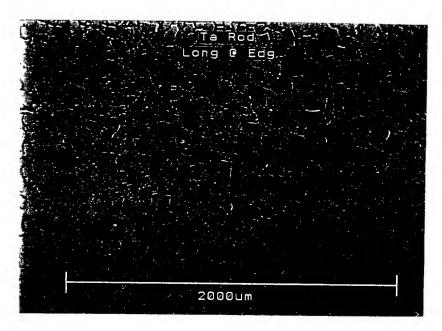


FIG. 3(B)

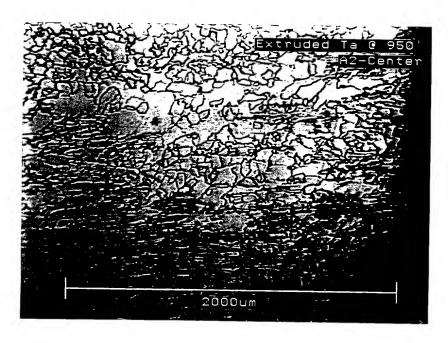


FIG. 4(A)

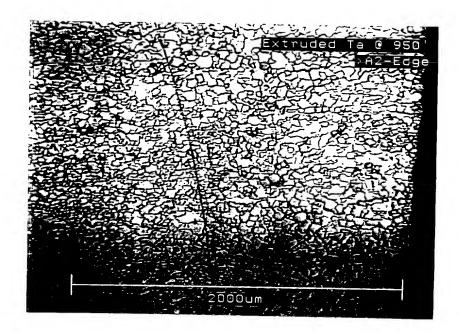


FIG. 4(B)

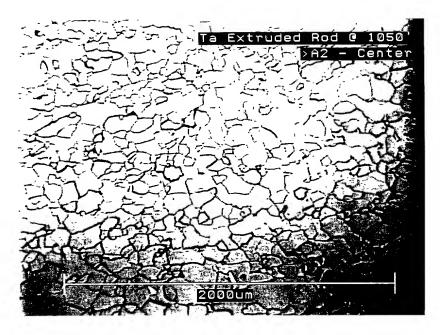


FIG. 5(A)



FIG. 5(B)

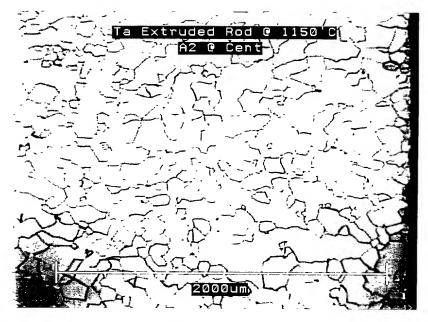


FIG. 6(A)



FIG. 6(B)

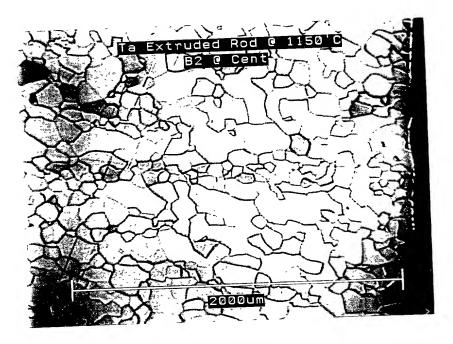


FIG. 7(A)

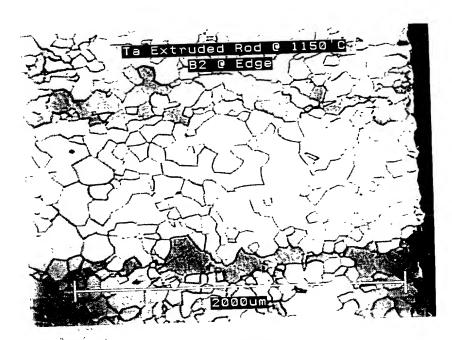


FIG. 7(B)

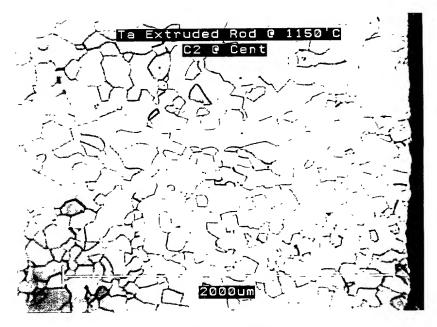


FIG. 8(A)

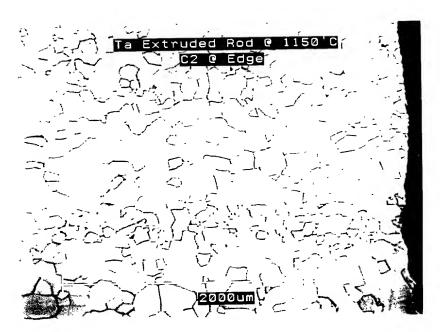


FIG. 8(B)

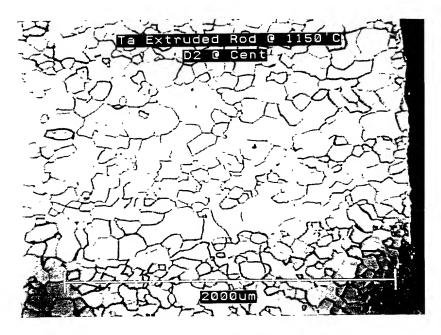


FIG. 9(A)

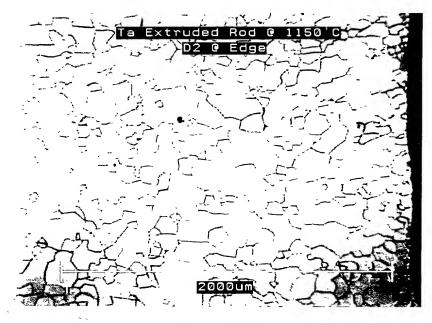


FIG. 9(B)